



**Multibrand diagnostics  
Global solution**










- 1: Basic Kit components and optional accessories
- 2: Common vehicle models
- 3: Detailed list of models and advanced features as PDF
- 4: Video <http://www.youtube.com/watch?v=KKfYeJlI6io>  
<http://www.eclipse-tech.co.uk/jaltest-diagnostics/>





**1, PRODUCT DETAILS (basic cable sets)\*\*\*\*\***

picture	marking	discription
	29380	Transport cases
	JDC100M2	Extension cable
	USB Cable	
	Jaltest Link interface	MULTI BRAND DIAGNOSTICS
	29300	Jaltest diagnostic software, system electronic scheme, technical date, maintenance date, technical release
	JDC213M2	OBD Cable
	JDC209M2	DAF&SCANIA

	JDC210M2	MAN F2000
	JDC207M2	MAN Cable series TGA,TGL,TGM
	JDC206M2	Iveco cable >1998
	JDC205M2	Renault cable
	JDC203M2	Mercedes cable
	JDC401M2	Iveco light truck cable
	JDC201M2	VOLVO 8pin cable
	JDC102M2	Haldex MODAL diagnosis cable
	JDC103M2	VCS,ECAS,Vario C,Trailer EBS and TEBS diagnosis cable,Wabco and knorr
	JDC108M2	EB+ Connection cable
	JDC212M2	"SAE" protocol cable (9 pins)
	JDC101M2	Haldex MODAL cable
	JDC202M2	Iveco cable <1998

标配价格 Price: € 888 欧元

**optional cable sets:(doesn't in kit)**

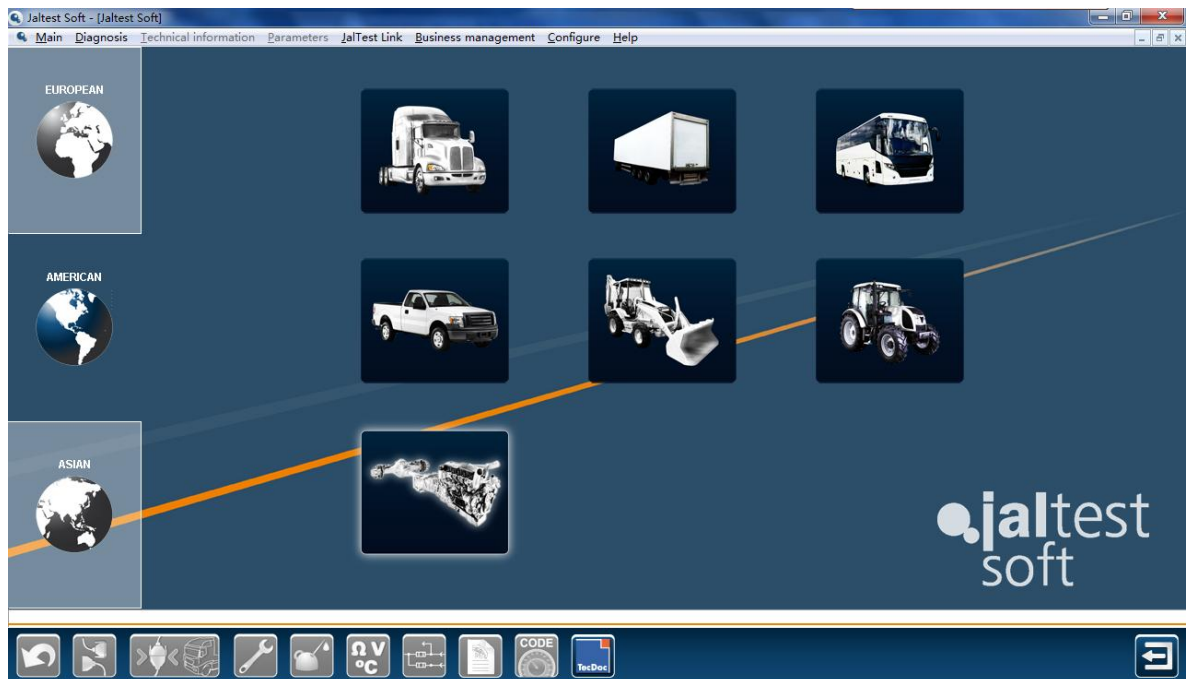


Price: €:110



Price: €:99

**2, Multibrand Diagnostic Software Common vehicle models\*\*\*\*\***



**1, mercedes-benz**



HEAVY-DUTY:Actros, Atego, Axor, Econic, LK, MK,SK, U20, U300, U3000, U400, U4000, U500, U5000, U20, Vario, Zetros,1939S/1944Eletronico,BR300, BR400, INTEGRO EURO5, LO712, LO812, LO915, O 345 CONECTO,O 345 TOURISMO,O404, O 520 CITO,O530 550INTEGRO,O 560, O 580 TRAVEGO,O550R/M/MA/U/UA,OC 500LE,OC 500RF, OF/OH/LO,OF1015-41, OF1119-41, OF1218, OF1319-44, OH1215/OH1518/OH1622-26, TOURISMO,K16, S400, TA5127,

**LIGHT-COMMERCIAL-VEHICLE:**

Vito,108,CDI,Vito,109CDI,Vito,110,111,112,115,Sprinter,208,209,210,211,212,213,215,216,218,308,309,310,311,312,CDI,Sprinter,316,408,410,412,413,415,416,418,509,511,515,518,Vario,613,616,618,813,816,818,

## **2, MAN Trucks BUS**

HEAVY-DUTY : F2000, F90, G90, L2000, LE, M2000, ME, TGA, TGL, TGM, TGS >2007,TGX>2007, City & Intercity E, S, EL 223/283, EM220, EM222,EM283 , ND222 , NG262 , NG/SG263LION'S CALSSIC G,NL223,NL243, NL263, NL283, NL313, NL363LION'S CLASSIC,NM223, NM283, NU263, NU283, NU313, NU363, Coach (RH) ,R313, R363, RH352, RH402, RH403, RH463, RHC414, RHC464, RHS414, RHS464, Intercity (N) , SD202, SG263, SG292, SG313, SL223, SU313, SU363, UL353, UL363 LION'S COMFORT

## **3, DAF**

HEAVY-DUTY: 65CF, 75CF, 85CF, 95XF, CF65, CF65 IV, CF75, CF75 IV, CF85, CF85 IV, F45, F55, F65, F75, F85, F95, LF45, LF45 IV, LF55, LF55 IV, XF105, XF95

## **4, VOLVO GROUP**

HEAVY-DUTY: F10, F12, FE 2006-, FH 2005-, FH12 1993-1997, FH 12 E98 1998-2001, FH 12 V2 2002-2005, FH 16 1993-1997, FH16 E98 1998-2001, FH 16 V2 2002-2005, FM7 1998-2001, FM9 V2 2002-2005, NH 12,

## **5, IVECO**

HEAVY-DUTY:Euro star LD,Euro star LD Cursor , Eurocargo 2008 , Eurocargo Cavallino, Eurocargo ML CNG engine, Tector 2006, Eurofire ML CNG engine, Eurofire ML Tector 2006 Euro5, Euromover Euro 2/3, Eurotech MH RSU Cursor, Eurotech MT/MH/MP,Powerstar, Stralis AD CNG Euro5, Stralis AS 2007 2008, Strais AT-AD Euro5, Strais AT-N2007, Trakker Euro4/5/EEV , CITYCLASS,DAILY BUS,DOMINO 2001 , EUROCLASS,EUROPOLIS,EURORIDER,MINIBUS,MY WAY,POLLICINO,

LIGHT-COMMERCIAL VEHICLE: CITY TRUCK 2000, CITY Truck HPI-HPT Euro 2/3/4/5,Daily 2006, New Daily 2006 CNG, TurboDaily

## **6, SCANIA**

HEAVY-DUTY:114 , 94 , 94OMNICITY , BN 113 , K113 , K124 ,



K230IB,K270IB,K310IB,K340EB,K380IB,K420EB,K420IB,K470EB,L113 , N113 , N230UB,N270UB,N310UB,113 , 114 , 124 , 143 , 144 , 164 , 93 , 94 , G230 , G270,G280,G310, G320, G340, G360, G380, G400, G420, G440, G470, G480, P230, P270, P280, P310, P320, P340, P360, P380, P400, P420, R230, R270, R310, R340, R360, R380, R400, R420, R440, R470, R480, R500, R560, R580, R620,

## 7, Renault

HEAVY-DUTY:

G series , R series , KERAX,KERAX DXi , MAGNUM,MAGNUM DXi , MAXITY,MIDLINER,MIDLUM,MIDLUM DXi, PREMIUM,PREMIUM DXi, PREMIUM DXi Lander, AGORA,ARES,ILLIADE,PR112/118, R212/312, RECREO KAROSA,TRACER, LIGHT-COMMERCIAL VEHICLE:Mascott DXi Phase III, Mascott dCi, Mascott dCi 1.9, Mascott dCi 2.2, Mascott dCi 2.5/2.8/3.0, Maxity, Trafic 1.9DCI, Trafic 2.0DCI/2.5DCI,

## 8, HINO AMERICAN

HEAVY-DUTY:Class4,145,165,Class 5,185,Class 6,238,258,268,class 7,338,

## 9, HYUNDAI LIGHT-COMMERCIAL VEHICLE

Grace 2.5 intercooler , H-1 2.5CRDi cargo/Travel , Starex 2.5 CRDi/Diesel/TCI/Turbodiesel 4WD.

## 10, ISUZU

HEAVY-DUTY: NPR, NQR, NQR 3D, ROYBUS,TURKUAZ,

LIGHT-COMMERCIAL VEHICLE: D-MAX 3.0 Diesel turbo, D-MAX cab 3.0 Diesel turbo pick-up, N-series 3.0D,

## 11, MITSUBISHI LIGHT-COMMERCIAL VEHICLE

Canter 5.2 Diesel, Delica Cargo 2.0/2.5diesel, Delica Van 2, L200 2.5HPE, Triton 2.5/3.2 diesel 4WD,

## 12, TOYOTA LIGHT-COMMERCIAL VEHICLE

Coaster 4.1 diesel turbo, Corolla Van 2.2 diesel, Dyna 2.5/3.0/3.7/4.0/4.6/4.9 diesel, Hiace 2.5 D-4D,Hiace 3.0, Hiace Commuter 2.5 diesel, Hiace Van 2.5/3.0 diesel, Land Cruiser 4.5, Liteace Truck 2.2, Liteace Van, Quantum 2.5 D-4D, Townace Truck/Van 2.2,

## 13, NISSAN LIGHT-COMMERCIAL VEHICLE

HEAVY-DUTY: ATLEON, CABSTAR,

LIGHT-COMMERCIAL VEHICLE: Cabstar 2.5, Cabstar 3.0, Cabstar E 2.3/2.7/3.0, Caravan, Interstar 1.9/2.2/2.5/3.0 diesel, Primastar 1.9/2.0/2.5 dCi, Vanette truck/Van

## 14, CITROEN LIGHT-COMMERCIAL VEHICLE

Jumper diesel, Jumper diesel (23), Jumper diesel (U5), Jumper diesel (U9)



**15, FIAT** LIGHT-COMMERCIAL VEHICLE

Ducato, Ducato 10 94, Ducato 11 08, Ducato 14 90, Ducato 15 08, Ducato 17 06, Ducato 18 94, Ducato 4\*4 02, Ducato Cargo 2.5D, Ducato Combinato 2.8 JTD, Ducato Maxi17/20, Ducato Maxi Cargo 2.8 JTD, Ducato Minibus 2.8, Ducato Multi T.A.2.8 JTD,

**14, FORD** LIGHT-COMMERCIAL VEHICLE

F-150, F-250, F-350-F-450, F-550, F-650, F-750, E-350 Econoline, E-350 Super Duty, F-250, F-350, F-250 Super Duty, F-350 Super Duty, F-450 Super Duty, F-550 Super Duty, Transit connect, Transit Euroline, Transit Nugget, Transit Tourneo, Transit FT,

**15, FRIEIGHTLINER**

LIGHT-COMMERCIAL VEHICLE: Sprinter 2500, Sprinter 3500,

HEAVY-DUTY: Cargo series, Argosy, Business Class M2, Cargo FC 80, Cascadia 2008, Century C 112 120, Century Class S/T, Classic -120, Classic XL 132, Columbia 112, Condor, Coronado, FL Series, FLD Series, M2 Series

**16, GM-CHEVROLET** HEAVY-DUTY

Kodiak C-Series, C4500, C5500, C6500, C8500, C8500 Tandem, T-series, F6, F7, T6500, T7500, T8500, W-series, W3500, W4500, W5500,

**17, INTERNATIONAL** HEAVY-DUTY

2000 Series, 2554,2574,2654,2674,4100,4200,4300,4400,4800,4900,5000,5070,5500,5600,5900 SBA,5900 SFA,7300, 7400, 7500, 7600, 7700, 8100, 8500, 8600, 9000 Series, 9100,9200,9400,9900,9900ix, City star Series, Dura Star4000, Lone Star, Paystar, Prostar, CF500, CF600, CTX, CXT, MXT, Tran star 8000, Work star 7000, RXT, TXR Hauler,

**18, KENWORTH**

HEAVY-DUTY:CB500B, K100E, K260, K360, KW45, KW55, T170, T2000, T270, T300, T370, T400, T440, T450, T600, T700, T800, W900,

**19, MACK**

CH/CHN Series, CL612, CL613, CL712, CL713, CL733, CS200, CS250, CS300, DM690, DMM6906, Granite, Granite Axle Back, Granite Bridge Formula, LE Series, MR 690, MS200, MS250, MS300, MV322, Pinnacle Daycab Axle Forward, RB-690, RD-888, Terrapro cabover, Terrapro Low Entry, Titan TD713, Vision CX, Vision CXN, Refuse series,

**20, PETERBILT**

Aerodynamic Models, Hybrid Models, Medium duty, Traditional, Vocational,





210,220,320,330,335,340,357,365,367,378,379,384,385,386,387,388, 389,587,

### 21, STERLING

Acterra, Condor, SC8000, SCT8000, Set-back A-series, Set-back L-series, Set-Forward L-series, Silverstar series ST9500, Sterling 360,

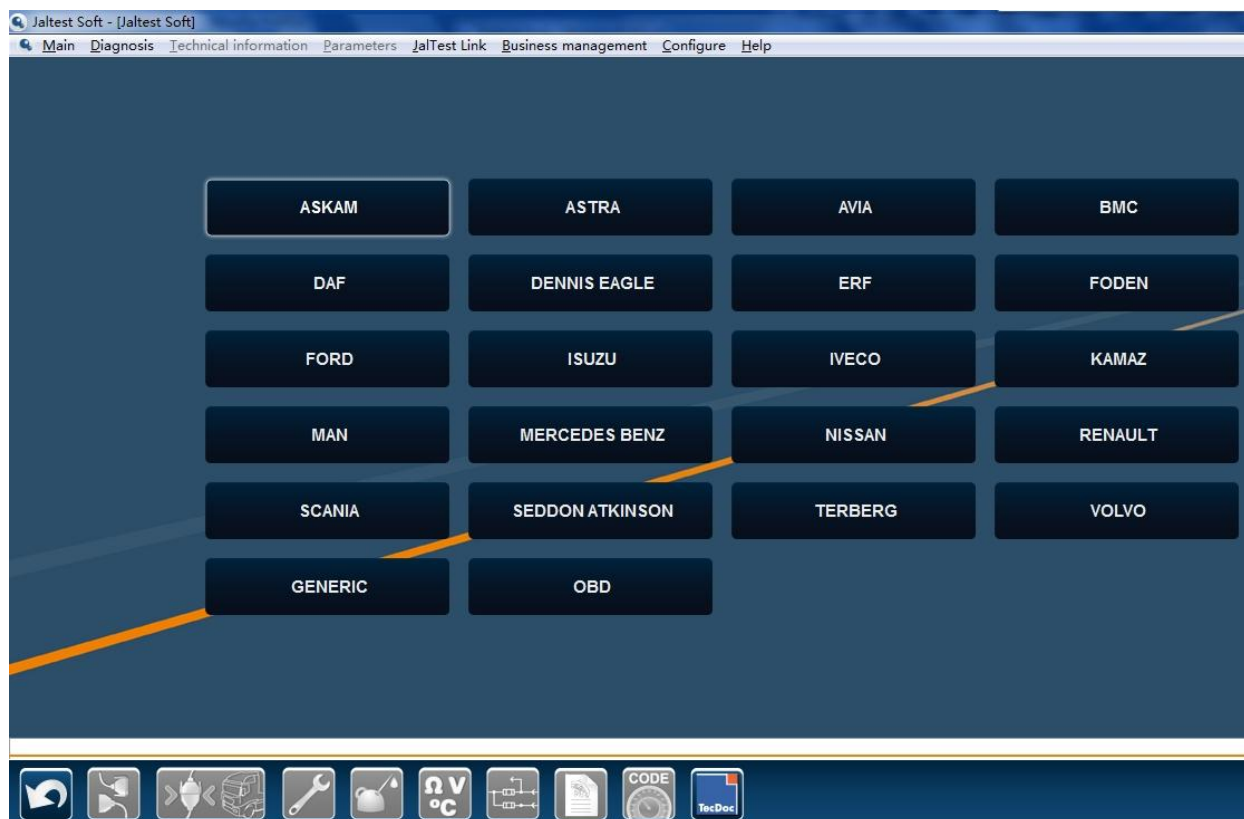
### 22, WESTERN STAR

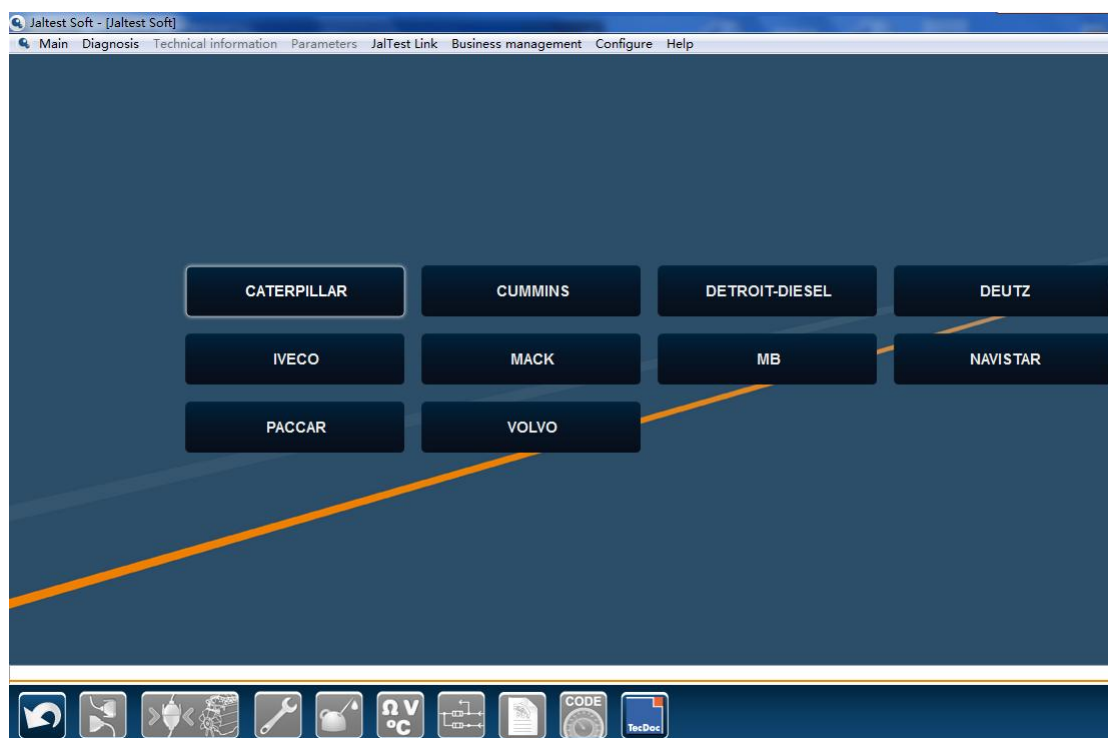
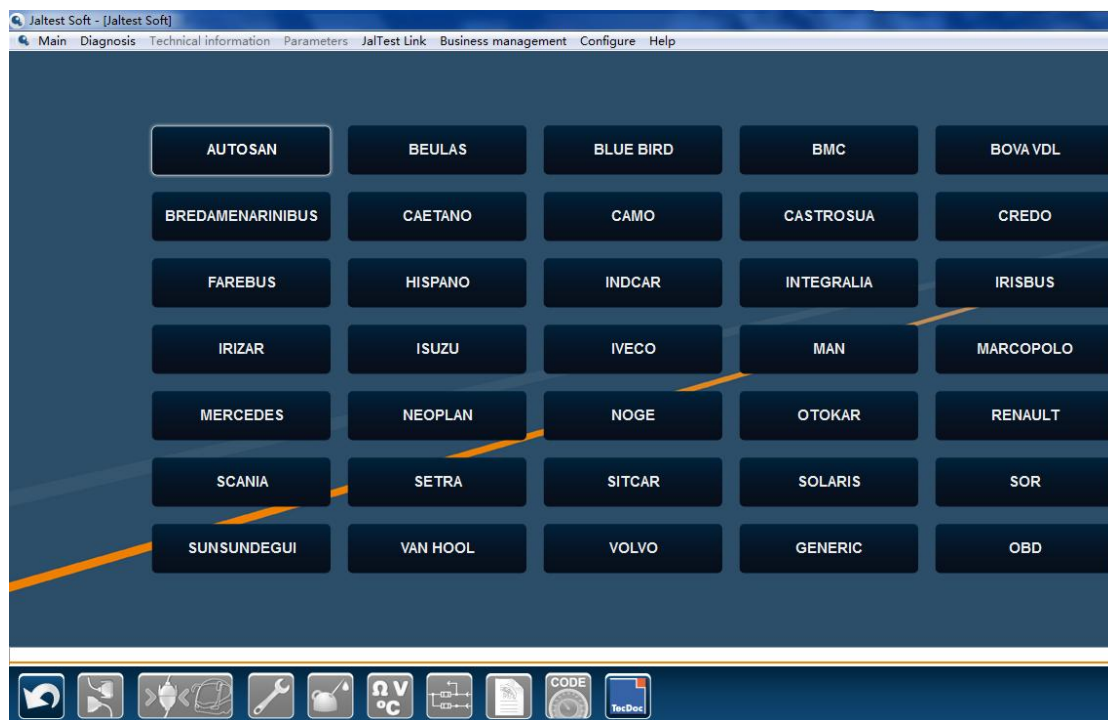
4842,4864,4900,4942,5842,5864,5900,5942,5964,6900,6964, LOW MAX,

### 23, DODGE

RAM,3500, 4500, 5500,

### 24, Others Vehicle





25, Vehicle ABS、EBS、transmission、suspension、  
Electronic module. (some Vehicle Need optional cable, or DIY a  
cable yourself )





ABS trailer, ABS trailer , EBStrailer, Electronic module, suspension, EPV,Haldex ABS,Haldex EB,Haldex Modular/PLC , Knorr A18 , Knorr KB3-TA,Knorr TEBS Gen, Knorr TEBS4 via K, MGX, Trailer ELM, Wabco EBS, Wabco ECAS, Wabco VCS, Wabco VCSii, Wabco Vario C, EATON Transmission TECU Shift Gen, Bendix ABS 2X, Bendix U1X, Bendix EC-17, Bendix EC-30, Bendix EC-60, Bendix TABS6, ZF Meritor Transmission Freedomline, ZF Meritor SureShift, ZF Meritor Gearbox with electronic control,



(some Vehicle Need optional cable, or DIY a cable yourself )

**DB37 pin out:**



**Protocol DB37 PIN**





































- Power: 1PIN(DC)
- Ground: 19PIN(DC)
- K Diag line: 15PIN(C)
- L Diag line: 16PIN(D)
- CAN high 17PIN(E)
- CAN low 18PIN(F)
- SAE J1708 A 34PIN(G)
- SAE J1708 B 35PIN(H)







**protocol DB37 PIN**







- J1850 PWM+ 2PIN(I)
- J1850 PWM- 21PIN(J)
- J1850 VPW 22PIN(K)

### 3, Detailed list of vehicle follows PDF and advanced features\*\*

AS show:

module	FDW, Passenger door module	    
Engine	Metafuel 3 TM, CNG (Compressed Natural Gas) engine management system	    
Suspension	ECAS 4x2 A, Electronically controlled suspension system	    
Suspension	ECAS 4x2 Ratio, Electronically controlled suspension system	    
Suspension	ECAS 6x2, Electronically controlled suspension system	    
Suspension	ECAS KWP, Electronically controlled suspension system	    
<b>Eurocargo ML CNG Engine</b>		
Brakes	ABS KB3A, Antilock braking system	 
Brakes	ABS P4, Antilock braking system	 
<b>Eurocargo ML Tector 2002</b>		
Gearbox	WTEC III Allison, Transmission	
<b>Eurocargo ML Tector 2003</b>		
Gearbox	WTEC III Allison, Transmission	

 MANUAL PROCESS
 DIAGNOSIS
 MEASURE VALUES
 ACTUATORS
 ECU DATA
 PARAMETERIZE

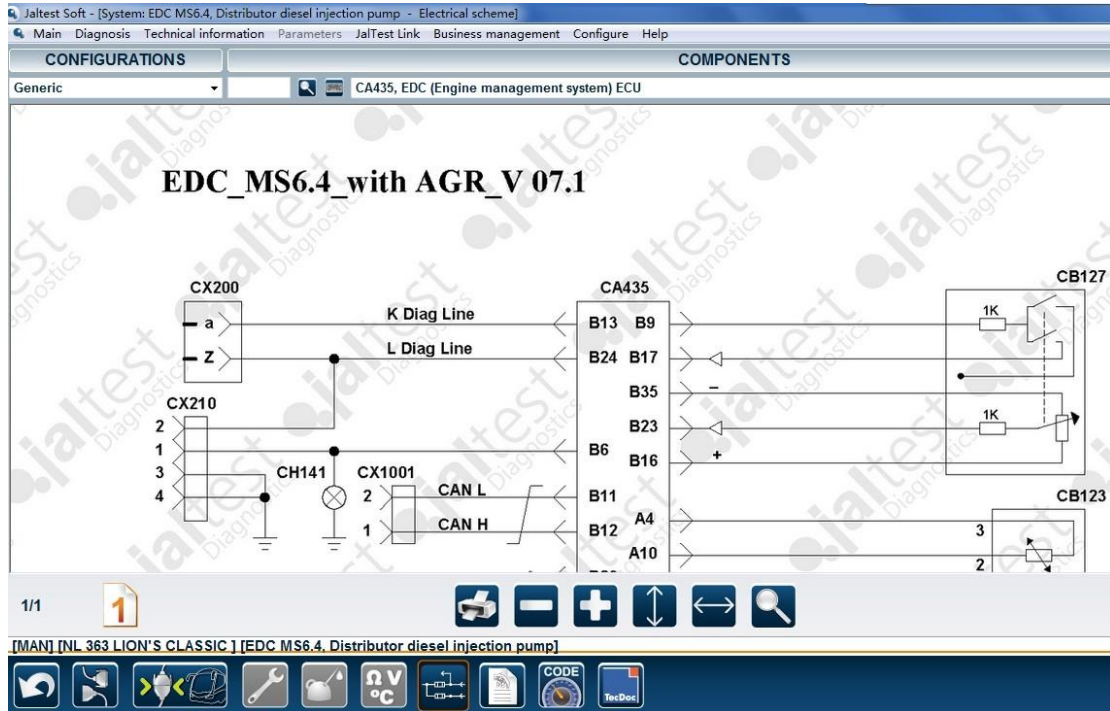
 CALIBRATE
 RESET
 SYSTEM TECHNICAL DATA
 ELECTRICAL SCHEME
 VEHICLE MAINTENANCE
 TECHNICAL DATA

IALtest not only has a common diagnostic functions, as well as calibration, reset and parameterize advanced features. JAL software has system electronic scheme, technical data, maintenance date, technical release, IALtest, It is not only an advanced feature of the Scanner can diagnostic trucks, buses, construction vehicles, light commercial vehicles, trailer, special vehicle, agricultural machinery and more manufacturers etc., or to test a good diesel, diesel pump and natural gas engines, single pump, high pressure common rail pump, and injector. it can be useful to test the pressure of common rail maintenance parameters, and test units as ZME, IMV, EFC/M-PROB, PVC valve, fuel measurement solenoid valves.



as show:





Jaltest Soft - [MAN - Technical releases - MS 6.4. Idle revolutions adjustment]

Main | Diagnosis | Technical information | Parameters | JalTest Link | Business management | Configure | Help

**TECHNICAL RELEASES** | MS 6.4. Idle revolutions adjustment.

MAN | Intercity (N) | NL 363 LION'S CLASSIC | EDC MS6.4. Distributor | MS 6.4. Idle revolutti

**TECHNICAL RELEASE**  
**Vehicles with MS 6.4 rotating pump. Idle revolutions modification.**

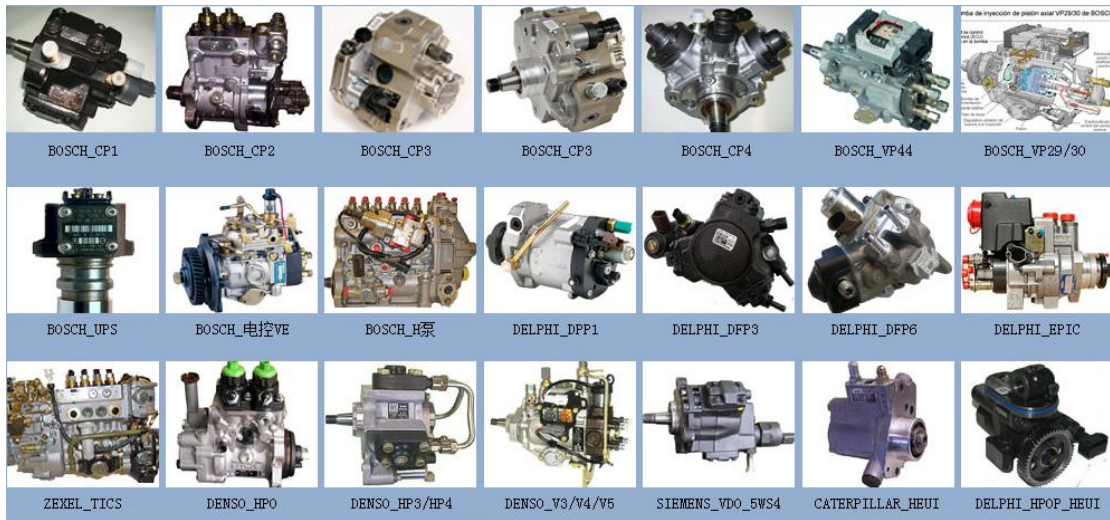
The idle is adjusted by the manufacturer at 600 r.p.m. If necessary, the driver can adjust the number of idle revolutions between 600 r.p.m. and 750 r.p.m. as long as the engine is hot (from approx. 30°C).

- Activate the brake pedal during the next complete process.
- Press the MEMORY key for at least 5 seconds.
- Activate the switch in "SET+" direction.
- With each switch activation in "SET+" direction, the number of idle revolutions increases in approximately 20 r.p.m.

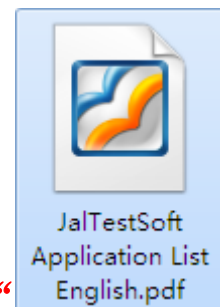
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[MAN] [NL 363 LION'S CLASSIC] [EDC MS6.4. Distributor diesel injection pump]





**NOTE: Detailed list of models and advanced features as**



**PDF JalTestSoft Application list English.php “**